

Daily Status Report for June 21 2010 Ocean Veritas.

Since the malfunction of the slip ring assembly on the primary CTD, no casts of this system or sample collection have been possible. Most of the day was spent attempting to deploy a back-up CTD system without real-time communication capability pending the arrival of a replacement slip ring assembly for the primary CTD system. Attempts were hampered for most of the day by lack of connectivity with the fluorometer. In part this was due to the fact that the back-up CTD system had an inappropriate program sent along with the instrument. This problem was apparently solved through internet communication with the manufacturer, and the instrument was ready for deployment at 1800h. As there was no altimeter available through this work around we decided to make casts at station than we had visited before, and therefore already had accurate depth information. We therefore returned to two stations that were visited during cruise number 4, OV055 and OV054, which were last occupied On 6/16/10. Casts were made at 1845 and 2000 respectively at these stations. Although the fluorometer was deployed at these stations there remained a problem retrieving data from the CTD/fluorometer after deployment, indicating continuing programming problems. We will transmit the data if and when possible, although we will only give these stations numbers if meaningful traces are obtained.

Communications with personnel ashore confirmed that the replacement slip ring assembly was picked up from the distributor in Austin Texas and was due to arrive at Port Fourchon at 2230h. The ETA for delivery to the ship was dependent on the crew boat schedule, although this is projected to be 0600h tomorrow.

No files accompany this report.

David Wright,

Chief Scientist, Ocean Veritas